



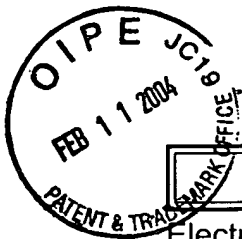
Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 55337  
Application ID: 10680724  
Title of Invention: Expander Tool For Use In A Wellbore  
First Named Inventor: Gary Johnston  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2003-10-07  
Effective Receipt Date: 2004-02-11  
Submission Type: Information Disclosure Statement  
Filing Type:  
Confirmation number: 8287  
Attorney Docket Number: WEAT/0487



Total Fees Authorized:


Digital Certificate Holder: cn=William Bruce Patterson,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: 09bb6dd2ee7b1f7015270801b593909b9107aea2



# TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0


| Title of<br>Invention  | Expander Tool For Use In A Wellbore |                |                           |             |                |   |                        |            |  |            |
|--|-------------------------------------|----------------|---------------------------|-------------|----------------|---|------------------------|------------|--|------------|
| Application Number: 10/680724    |                                     |                |                           |             |                |   |                        |            |  |            |
| Date: 2003-10-07   |                                     |                |                           |             |                |   |                        |            |  |            |
| First Named Applicant: Gary Johnston   |                                     |                |                           |             |                |   |                        |            |  |            |
| Confirmation Number: 8287  |                                     |                |                           |             |                |   |                        |            |  |            |
| Attorney Docket Number: WEAT/0487  |                                     |                |                           |             |                |   |                        |            |  |            |
| <p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p> |                                     |                |                           |             |                |   |                        |            |  |            |
| <table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>William B. Patterson<br/>Registered Number: 34,102</td><td>/William B. Patterson/</td><td>Attorney</td></tr></tbody></table>   |                                     |                | Submitted by:             | Elec. Sign. | Sign. Capacity | William B. Patterson<br>Registered Number: 34,102 | /William B. Patterson/ | Attorney   |  |            |
| Submitted by:  | Elec. Sign.                         | Sign. Capacity |                           |             |                |   |                        |            |  |            |
| William B. Patterson<br>Registered Number: 34,102  | /William B. Patterson/              | Attorney       |                           |             |                |   |                        |            |  |            |
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## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

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|---|--|---|------------|--------------------|------|-------|----------|
| Application Number:   | 10/680724  |  |            |                    |      |       |          |
| Confirmation Number:  | 8287   |   |            |                    |      |       |          |
| First Named Applicant:  | Gary Johnston  |   |            |                    |      |       |          |
| Attorney Docket Number:   | WEAT/0487  |   |            |                    |      |       |          |
| Art Unit:   | 3672   |   |            |                    |      |       |          |
| Search string:  | ( 3818734 or 3820370 or 3911707 or 3948321 or 3977076 or 4069573 or 4127168 or 4159564 or 4288082 or 4319393 or 4324407 or 4349050 or 4359889 or 4362324 or 4382379 or 4387502 or 4407150 or 4414739 or 4429620 or 4445201 or 4470280 or 4450612 or 4483399 or 4487630 or 4502308 or 4505142 or 4505612 or 4531581 or 4567631 or 4581617 or 4588030 or 4626129 or 4697640 or 4807704 or 4848469 or 4866966 or 4883121 or 4976322 or 4997320 or 5014779 or 5052483 or 5052849 or 5156209 or 5267613 or 5271472 or 5301760 or 5307879 or 5322127 or 5348095 or 5366012 ).pn. |   |            |                    |      |       |          |
| <b>US Patent Documents</b>  |  |   |            |                    |      |       |          |
| Note: Applicant is not required to submit a paper copy of cited US Patent Documents |  |   |            |                    |      |       |          |
| init  | Cite.No.   | Patent No.  | Date       | Patentee           | Kind | Class | Subclass |
|   | 1  | 3818734   | 1974-06-25 | Bateman            |      |       |          |
|   | 2  | 3820370   | 1974-06-28 | Duffy              |      |       |          |
|   | 3  | 3911707   | 1975-10-14 | Minakov et al.     |      |       |          |
|   | 4  | 3948321   | 1976-04-06 | Owen et al.        |      |       |          |
|   | 5  | 3977076   | 1976-08-31 | Vieira et al.      |      |       |          |
|   | 6  | 4069573   | 1978-01-24 | Rogers, Jr. et al. |      |       |          |
|   | 7  | 4127168   | 1978-11-28 | Hanson et al.      |      |       |          |
|   | 8  | 4159564   | 1979-07-03 | Cooper             |      |       |          |
|   | 9  | 4288082   | 1981-09-08 | Setterberg         |      |       |          |
|   | 10   | 4319393   | 1982-03-16 | Pogonowski         |      |       |          |

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|  | 11 | 4324407 | 1982-04-13 | Upham et al.        |
|  | 12 | 4349050 | 1982-09-14 | Bergstrom et al.    |
|  | 13 | 4359889 | 1982-11-23 | Kelly               |
|  | 14 | 4362324 | 1982-12-07 | Kelly               |
|  | 15 | 4382379 | 1983-05-10 | Kelly               |
|  | 16 | 4387502 | 1983-06-14 | Dom                 |
|  | 17 | 4407150 | 1983-10-04 | Kelly               |
|  | 18 | 4414739 | 1983-11-15 | Kelly               |
|  | 19 | 4429620 | 1984-02-07 | Burkhardt et al.    |
|  | 20 | 4445201 | 1984-04-24 | Pricer              |
|  | 21 | 4470280 | 1984-09-11 | Kelly               |
|  | 22 | 4450612 | 1984-05-29 | Kelly               |
|  | 23 | 4483399 | 1984-11-20 | Colgate             |
|  | 24 | 4487630 | 1984-12-11 | Crooke et al.       |
|  | 25 | 4502308 | 1985-03-05 | Kelly               |
|  | 26 | 4505142 | 1985-03-19 | Kelly               |
|  | 27 | 4505612 | 1985-03-19 | Shelley, Jr.        |
|  | 28 | 4531581 | 1985-07-30 | Pringle et al.      |
|  | 29 | 4567631 | 1986-02-04 | Kelly               |
|  | 30 | 4581617 | 1986-04-08 | Yoshimoto et al.    |
|  | 31 | 4588030 | 1986-05-13 | Blizzard            |
|  | 32 | 4626129 | 1986-12-02 | Kothmann et al.     |
|  | 33 | 4697640 | 1987-10-06 | Szarka              |
|  | 34 | 4807704 | 1989-02-28 | Hsu et al.          |
|  | 35 | 4848469 | 1989-07-18 | Baugh et al.        |
|  | 36 | 4866966 | 1989-09-19 | Hagen               |
|  | 37 | 4883121 | 1989-11-28 | Zwart               |
|  | 38 | 4976322 | 1990-12-11 | Abdrakhmanov et al. |
|  | 39 | 4997320 | 1991-03-05 | Hwang               |
|  | 40 | 5014779 | 1991-05-14 | Meling et al.       |
|  | 41 | 5052483 | 1991-10-01 | Hudson              |
|  | 42 | 5052849 | 1991-10-01 | Zwart               |
|  | 43 | 5156209 | 1992-10-20 | McHardy             |
|  | 44 | 5267613 | 1993-12-07 | Zwart et al.        |
|  | 45 | 5271472 | 1993-12-21 | Leturno             |
|  | 46 | 5301760 | 1994-04-12 | Graham              |
|  |    |         |            |                     |

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|  | 47 | 5307879 | 1994-05-03 | Kent           |
|  | 48 | 5322127 | 1994-06-21 | McNair et al.  |
|  | 49 | 5348095 | 1994-09-20 | Worrall et al. |
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Signature

|               |      |
|---------------|------|
| Examiner Name | Date |
|               |      |



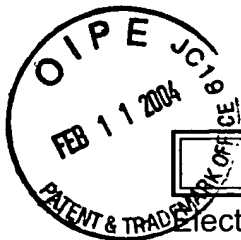
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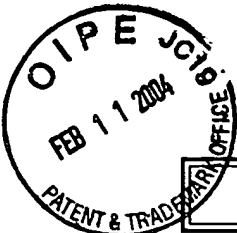
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**TRANSMITTAL**


Electronic Version v1.1  
Stylesheet Version v1.1.0

|  |  |                       |
|--|--|-----------------------|
| <b>Title of Invention</b>  | Expander Tool For Use In A Wellbore                                |                       |
| <p>Application Number: 10/680724 </p> <p>Date: 2003-10-07</p> <p>First Named Applicant: Gary Johnston</p> <p>Confirmation Number: 8287</p> <p>Attorney Docket Number: WEAT/0487</p>  |  |                       |
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| <b>Submitted by:</b>   | <b>Elec. Sign.</b>   | <b>Sign. Capacity</b> |
| William B. Patterson<br>Registered Number: 34,102  | /William B. Patterson/   | Attorney              |
| <b>Documents being submitted</b><br>us-ids   | <b>Files</b><br>WEAT_0487_1-usidst.xml<br>us-ids.dtd<br>us-ids.xsl |                       |
| <b>Comments</b>  |  |                       |



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| Attorney Docket Number: WEAT/0487   |                                     |            |            |            |   |       |          |
| Art Unit: 3672  |                                     |            |            |            |   |       |          |
| Search string: ( 0761518 or 0988054 or 1301285 or 1324303 or 1545039 or 1561418 or 1569729 or 1597212 or 1880218 or 1930825 or 1981525 or 2017451 or 2214226 or 2216226 or 2383214 or 2424878 or 2499630 or 2519116 or 2627891 or 2633374 or 2663073 or 2898971 or 3028915 or 3039530 or 3087546 or 3167122 or 3179168 or 3186485 or 3191677 or 3191680 or 3195646 or 3203451 or 3203483 or 3245471 or 3297092 or 3326293 or 3353599 or 3354955 or 3467180 or 3477506 or 3489220 or 3583200 or 3669190 or 3689113 or 3691624 or 3712376 or 3746091 or 3776307 or 3780562 or 3785193 ).pn. |                                     |            |            |            |   |       |          |
| US Patent Documents   |                                     |            |            |            |   |       |          |
| Note: Applicant is not required to submit a paper copy of cited US Patent Documents   |                                     |            |            |            |   |       |          |
| init  | Cite.No.                            | Patent No. | Date       | Patentee   | Kind  | Class | Subclass |
|   | 1                                   | 0761518    | 1904-05-31 | Lykken     |   |       |          |
|   | 2                                   | 0988054    | 1911-03-28 | Wiet       |   |       |          |
|   | 3                                   | 1301285    | 1919-04-22 | Leonard    |   |       |          |
|   | 4                                   | 1324303    | 1919-12-09 | Carmichael |   |       |          |
|   | 5                                   | 1545039    | 1925-07-07 | Deavers    |   |       |          |
|   | 6                                   | 1561418    | 1925-11-10 | Duda       |   |       |          |
|   | 7                                   | 1569729    | 1926-01-12 | Duda       |   |       |          |
|   | 8                                   | 1597212    | 1926-08-24 | Spengler   |   |       |          |
|   | 9                                   | 1880218    | 1932-10-04 | Simmons    |   |       |          |
|   | 10                                  | 1930825    | 1933-10-17 | Raymond    |   |       |          |

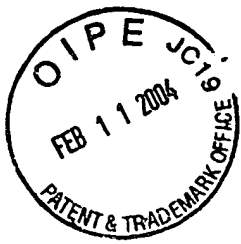


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|  | 11 | 1981525 | 1934-11-20 | Price             |
|  | 12 | 2017451 | 1935-10-15 | Wickersham        |
|  | 13 | 2214226 | 1940-09-10 | English           |
|  | 14 | 2216226 | 1940-10-01 | Bumpous           |
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|  | 18 | 2519116 | 1950-08-15 | Crake             |
|  | 19 | 2627891 | 1953-02-10 | Clark             |
|  | 20 | 2633374 | 1953-03-31 | Boice             |
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|  | 23 | 3028915 | 1962-04-10 | Jennings          |
|  | 24 | 3039530 | 1962-06-19 | Condra            |
|  | 25 | 3087546 | 1963-04-30 | Wooley            |
|  | 26 | 3167122 | 1965-01-26 | Lang              |
|  | 27 | 3179168 | 1965-04-20 | Vincent           |
|  | 28 | 3186485 | 1965-06-01 | Owen              |
|  | 29 | 3191677 | 1965-06-29 | Kinley            |
|  | 30 | 3191680 | 1965-06-29 | Vincent           |
|  | 31 | 3195646 | 1965-07-20 | Brown             |
|  | 32 | 3203451 | 1965-08-31 | Vincent           |
|  | 33 | 3203483 | 1965-08-31 | Vincent           |
|  | 34 | 3245471 | 1966-04-12 | Howard            |
|  | 35 | 3297092 | 1967-01-10 | Jennings          |
|  | 36 | 3326293 | 1967-06-20 | Skipper           |
|  | 37 | 3353599 | 1967-11-21 | Swift             |
|  | 38 | 3354955 | 1967-11-28 | Berry             |
|  | 39 | 3467180 | 1969-09-16 | Pensotti          |
|  | 40 | 3477506 | 1969-11-11 | Malone            |
|  | 41 | 3489220 | 1970-01-13 | Kinley            |
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|  | 44 | 3689113 | 1972-09-05 | Blaschke          |
|  | 45 | 3691624 | 1972-09-19 | Kinley            |
|  | 46 | 3712376 | 1973-01-23 | Owen et al.       |

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|  | 47 | 3746091 | 1973-07-17 | Owen et al.   |
|  | 48 | 3776307 | 1973-12-04 | Young         |
|  | 49 | 3780562 | 1973-12-25 | Kinley        |
|  | 50 | 3785193 | 1974-01-15 | Kinley et al. |

Signature

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| Examiner Name | Date |
|               |      |



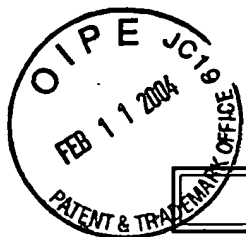
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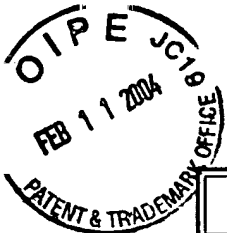
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|--|-------------------------------------|------------|------------|----------------|------|-------|----------|------|----------|------------|------|----------|------|-------|----------|--|---|---------|------------|---------|--|--|--|--|---|---------|------------|-------|--|--|--|--|---|---------|------------|---------|--|--|--|--|---|---------|------------|-------------|--|--|--|--|---|---------|------------|-------|--|--|--|--|---|---------|------------|---------------|--|--|--|--|---|---------|------------|-------|--|--|--|--|---|---------|------------|-------------|--|--|--|--|---|---------|------------|--------------|--|--|--|--|----|---------|------------|------|--|--|--|--|----|---------|------------|----------------|--|--|--|--|----|---------|------------|---------------|--|--|--|
| <div>Application Number: 10/680724 </div> <div>Confirmation Number: 8287</div> <div>First Named Applicant: Gary Johnston</div> <div>Attorney Docket Number: WEAT/0487</div> <div>Art Unit: 3672</div> <div>Search string: ( 5409059 or 5435400 or 5472057 or 5520255 or 5553679 or 5560426 or 5636661 or 5667011 or 5685369 or 5706905 or 5785120 or 5887668 or 5901787 or 5901789 or 5924745 or 5960895 or 5979571 or 6021850 or 6029748 or 6070671 or 6098717 or 6325148 or 6425444 or 6446323 or 6454013 or 6457532 or 6527049 or 6543552 or 6571672 or 2754577 or 4371199 or 20010040054 or 20020145281 or 20020166668 ).pn.</div>  |                                     |            |            |                |      |       |          |      |          |            |      |          |      |       |          |  |   |         |            |         |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |               |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |              |  |  |  |  |    |         |            |      |  |  |  |  |    |         |            |                |  |  |  |  |    |         |            |               |  |  |  |
| <h3>US Patent Documents</h3> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>5409059</td><td>1995-04-25</td><td>McHardy</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>5435400</td><td>1995-07-25</td><td>Smith</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>5472057</td><td>1995-12-05</td><td>Winfree</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>5520255</td><td>1996-05-28</td><td>Barr et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>5</td><td>5553679</td><td>1996-09-10</td><td>Thorp</td><td></td><td></td><td></td></tr><tr><td></td><td>6</td><td>5560426</td><td>1996-10-01</td><td>Trahan et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>7</td><td>5636661</td><td>1997-06-10</td><td>Moyes</td><td></td><td></td><td></td></tr><tr><td></td><td>8</td><td>5667011</td><td>1997-09-16</td><td>Gill et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>9</td><td>5685369</td><td>1997-11-11</td><td>Ellis et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>10</td><td>5706905</td><td>1998-01-13</td><td>Barr</td><td></td><td></td><td></td></tr><tr><td></td><td>11</td><td>5785120</td><td>1998-07-28</td><td>Smalley et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>12</td><td>5887668</td><td>1999-03-30</td><td>Haugen et al.</td><td></td><td></td><td></td></tr></tbody></table> |                                     |            |            |                |      |       |          | init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |  | 1 | 5409059 | 1995-04-25 | McHardy |  |  |  |  | 2 | 5435400 | 1995-07-25 | Smith |  |  |  |  | 3 | 5472057 | 1995-12-05 | Winfree |  |  |  |  | 4 | 5520255 | 1996-05-28 | Barr et al. |  |  |  |  | 5 | 5553679 | 1996-09-10 | Thorp |  |  |  |  | 6 | 5560426 | 1996-10-01 | Trahan et al. |  |  |  |  | 7 | 5636661 | 1997-06-10 | Moyes |  |  |  |  | 8 | 5667011 | 1997-09-16 | Gill et al. |  |  |  |  | 9 | 5685369 | 1997-11-11 | Ellis et al. |  |  |  |  | 10 | 5706905 | 1998-01-13 | Barr |  |  |  |  | 11 | 5785120 | 1998-07-28 | Smalley et al. |  |  |  |  | 12 | 5887668 | 1999-03-30 | Haugen et al. |  |  |  |
| init   | Cite.No.                            | Patent No. | Date       | Patentee       | Kind | Class | Subclass |      |          |            |      |          |      |       |          |  |   |         |            |         |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |               |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |              |  |  |  |  |    |         |            |      |  |  |  |  |    |         |            |                |  |  |  |  |    |         |            |               |  |  |  |
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|  | 2                                   | 5435400    | 1995-07-25 | Smith          |      |       |          |      |          |            |      |          |      |       |          |  |   |         |            |         |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |               |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |              |  |  |  |  |    |         |            |      |  |  |  |  |    |         |            |                |  |  |  |  |    |         |            |               |  |  |  |
|  | 3                                   | 5472057    | 1995-12-05 | Winfree        |      |       |          |      |          |            |      |          |      |       |          |  |   |         |            |         |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |               |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |              |  |  |  |  |    |         |            |      |  |  |  |  |    |         |            |                |  |  |  |  |    |         |            |               |  |  |  |
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|  | 5                                   | 5553679    | 1996-09-10 | Thorp          |      |       |          |      |          |            |      |          |      |       |          |  |   |         |            |         |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |               |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |              |  |  |  |  |    |         |            |      |  |  |  |  |    |         |            |                |  |  |  |  |    |         |            |               |  |  |  |
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|  | 7                                   | 5636661    | 1997-06-10 | Moyes          |      |       |          |      |          |            |      |          |      |       |          |  |   |         |            |         |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |               |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |              |  |  |  |  |    |         |            |      |  |  |  |  |    |         |            |                |  |  |  |  |    |         |            |               |  |  |  |
|  | 8                                   | 5667011    | 1997-09-16 | Gill et al.    |      |       |          |      |          |            |      |          |      |       |          |  |   |         |            |         |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |               |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |              |  |  |  |  |    |         |            |      |  |  |  |  |    |         |            |                |  |  |  |  |    |         |            |               |  |  |  |
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|  | 10                                  | 5706905    | 1998-01-13 | Barr           |      |       |          |      |          |            |      |          |      |       |          |  |   |         |            |         |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |         |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |               |  |  |  |  |   |         |            |       |  |  |  |  |   |         |            |             |  |  |  |  |   |         |            |              |  |  |  |  |    |         |            |      |  |  |  |  |    |         |            |                |  |  |  |  |    |         |            |               |  |  |  |
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## Signature

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